

ABSTRACT OF THE DISCLOSURE

When an automatic battery detector detects that the remaining capacity of a battery has become lower than a predetermined value, a central processing
5 controller lengthens the continuous operation time by reducing power consumption. The central processing controller controls a radio communication device to switch the operation mode from class 2 to class 3. Class 2 provides a high output level, and class 3
10 provides a low output level. Alternatively or additionally, the central processing controller controls a D/A conversion amplifier circuit to turn off a Dolby system.